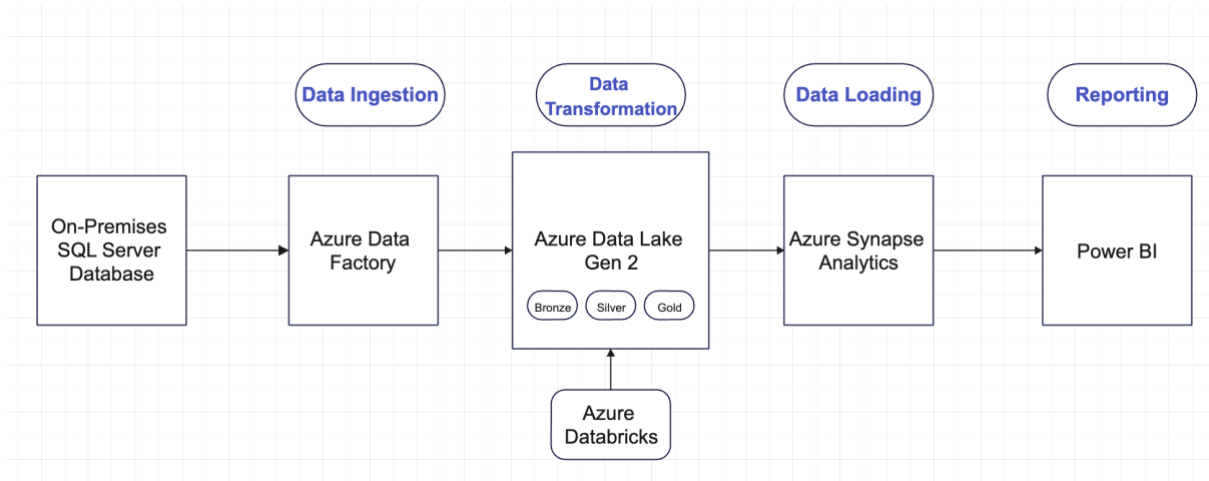


Data Architecture



Step 1: Environment Setup- Created required resources on Azure portal.

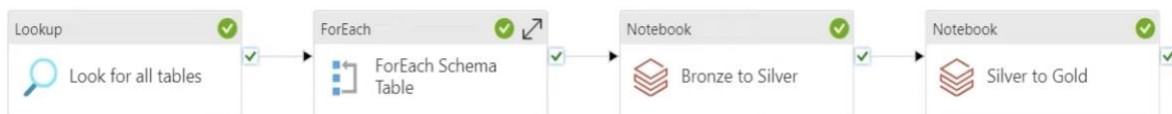
Step 2: Data Ingestion- Tables from SQL database is copied to bronze layer in Data Lake.



Table is copied for each value from Lookup.



Step 3: Data Transformation- Data Transformed in two layers silver and gold.



Step 4: Data Loading- Data is loaded in Serverless SQL pool from gold layer.



Step 5: Data Reporting- Power BI connected with SQL Serverless pool through Azure Synapse Analytics.

Step 6: Security and Governance- Azure Active Directory, Azure Key Vault.